

MATERIAL SAFETY DATA SHEET

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Handyman's All Purpose Adhesive Sealant
25827

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Handyman's All Purpose Adhesive Sealant
Item No.: 25827
Product Type: Sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Acrylic polymer	Proprietary	50-55
Water	7732-18-5	35-40
ETHYL ALCOHOL	64-17-5	3-5
Ester alcohol	25265-77-4	1-3
AMMONIUM HYDROXIDE	1336-21-6	0.1-1
Sodium lauryl sulfate	151-21-3	0.1-1

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
ETHYL ALCOHOL	1000 ppm TWA 1880 mg/m3	1000 ppm TWA 1900 mg/m3	None
AMMONIUM HYDROXIDE	25 ppm(ammonia)	50 ppm(ammonia)	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
AMMONIUM HYDROXIDE	35 ppm(ammonia)	None	

3. HAZARDS IDENTIFICATION

Toxicity: May irritate eyes, skin, or respiratory system.
Oral LD50 more than 5000 mg/kg.
Estimated dermal LD50 more than 2000 mg/kg.
The ester alcohol has caused hyaline droplet formation in male rats possibly implicating kidney necrosis.
Ingestion of ethyl alcohol may cause dizziness, faintness, drowsiness, decreased awareness, depression, euphoria, abdominal discomfort, nausea, vomiting, staggering gait, lack of coordination, and coma. Inhalation of high concentrations of ethyl alcohol may cause irritation, of the respiratory tract, nausea, vomiting, dizziness, drowsiness, weakness, loss of coordination. Prolonged or repeated skin contact

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3. HAZARDS IDENTIFICATION

(continued)

Primary Routes of Entry: with ethyl alcohol may cause drying or defatting
Signs and Symptoms of Exposure: of skin. Eye contact with ethyl alcohol may cause
Inhalation, ingestion, contact. Irritation of eyes, nose, and throat. Please also
consult the conditions listed under "Toxicity"
above.
Existing Conditions
Aggravated by Exposure: Ammonium hydroxide: skin and respiratory disorders
Ethyl alcohol: dermatitis, liver injury.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen NTP IARC OSHA
Acrylic polymer	No Data	NO NO NO
Water	NTO	NO NO NO
ETHYL ALCOHOL	AC4 CNS IRR	NO N/A NO
Ester alcohol	NTO	NO NO NO
AMMONIUM HYDROXIDE	COR IRR	NO NO NO
Sodium lauryl sulfate	ALG IRR	NO NO NO

Abbreviations

N/A Not Applicable	AC4 ACGIH-Unclassifiable as human carc.
ALG Allergen	CNS Central nervous system
COR Corrosive	IRR Irritant
NTO No Target Organs	

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm.
Obtain medical attention.
Inhalation: Remove to fresh air. If symptoms persist, obtain
medical attention.
Skin Contact: Wash with soap and water.
Eye Contact: Flush at least 15 minutes with water.
Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup
Recommended
Extinguishing Agents: Use extinguishing means suitable for surrounding
fire.

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5. FIRE FIGHTING MEASURES

(continued)

Special Firefighting

Procedures: Use spray to cool fire exposed containers and structures and to cool vapors.

Hazardous Products formed

by Fire or Thermal Decomp Acrylic monomers, ammonia, oxides of carbon.

Unusual Fire or

Explosion Hazards: Material may splash above 200°F. Polymer film may burn.

Explosive Limits:

(% by volume in air) Lower 16% (ammonia) Ammonium hydroxide
3.3% Ethyl alcohol
(% by volume in air) Upper 25% (ammonia) Ammonium hydroxide
19% Ethyl alcohol

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case

of spill or leak: Scrape up as much as possible and clean the residue promptly with soap and water.

7. HANDLING AND STORAGE

Safe Storage:

Store below 100°F. Protect from freezing.

(Contact Loctite Customer

Service 1-800-243-4874 for shelf life information)

Handling:

Avoid prolonged skin contact. Keep away from eyes.

Avoid prolonged breathing of vapors.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes:

Chemical splash goggles meeting ANSI Standard Z87.1

Skin:

Rubber or plastic gloves. Neoprene may be most effective.

Ventilation:

Sufficient local ventilation to maintain vapor concentration below TLV.

Respiratory

NIOSH/MSHA approved disposable half-mask dust/mist respirator.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

White thixotropic paste

Odor:

Ammonia

Boiling Point:

Approximately 212°F

pH:

7.3

Solubility in Water:

Aqueous

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9. PHYSICAL AND CHEMICAL PROPERTIES

(continued)

Specific Gravity 1.05
Volatile Organic Compound
(EPA Method 24) 4.99%; 52.4 grams per liter
Vapor Pressure: Approximately 20 mm mercury
Vapor Density: Not available
Evaporation Rate
(Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Acids, oxidizing agents.
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): Ammonia, sulfur dioxide, hydrogen sulfide,
sulfuric acid.

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of
disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste
Number NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport
Proper Shipping Name: Unrestricted
Hazard Class or
Division: Unrestricted
Identification Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

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15. REGULATORY INFORMATION

CA Proposition 65: No California Proposition 65 chemicals are known
to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 1
Fire Hazard: 0
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 1
Flammability Hazard: 0
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

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Revision Date: October 21, 2004 Revision: 0006